

IN THE SPECIFICATION

Please amend the Abstract of the Disclosure as follows:

~~Device for the analysis of electromagnetic signals~~

The invention relates to a device for aiding the analysis of signals by using symbols-based digital modulation. The device ~~comprises~~ includes a signal memory for storing a complex digital signal, representative in amplitude and phase of a captured signal, over a chosen duration, as well as ~~processing means~~ a processor for searching for the properties relating to the carrier frequency of the complex signal and to its modulation. According to the invention, the processor includes ~~processing means comprise a projector~~ projection means for calculating the components of the complex signal in a function basis, ~~parametrized~~ the function basis being parameterized according to an estimated tempo of the modulation, as well as a calculator ~~calculation means~~, operating on these components so as to determine an estimate relating to a property of the complex signal, from among its elementary pulse shape, the string of symbols of the complex signal and its carrier.